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## ABSTRACT OF THE DISCLOSURE

An inverter buffer structure for a vehicle is provided so that even when a head-on collision occurs, no damage is caused to the inverter case and its internal contents. In one embodiment an inverter buffer structure for a vehicle is disposed with an inverter in an engine compartment and is provided with buffer member between a surface of the inverter and a radiator core support that constitutes a portion of a frame of the vehicle to reduce an incoming force to the vehicle in the event of a collision.